**Subtraction on a Number Line – Word Problems**

Use the number line to count backwards and solve the

word problems.

1) Zayn had 16 cakes. He gave 8 away to his friends.

How many cakes does he have left?

0

1

2

3

4

5

6

7

8

9 10 11 12 13 14 15 16 17 18 19 20

2) Kat had 20 balloons. 6 of them popped.

How many balloons does Kat now have left?

0

1

2

3

4

5

6

7

8

9 10 11 12 13 14 15 16 17 18 19 20

3) Tom had 14 tennis balls. He hit 9 over the fence. How many tennis balls are left?

0

1

2

3

4

5

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9 10 11 12 13 14 15 16 17 18 19 20

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**Subtraction on a Number Line Word Problems**

4) Anaya had 11 pencils. Felix had 0 pencils.

Anaya gives Felix 6 pencils. Who has the most pencils now?

Explain how you know.

0

1

2

3

4

5

6

7

8

9 10 11 12 13 14 15 16 17 18 19 20

has the most pencils now.

5) Ruben has some eggs. He gives some to Alice. Ruben now has 12 eggs.

Find three ways to complete this number sentence to show how many

eggs Ruben started with and how many eggs he gave to Alice.

0

1

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6

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9 10 11 12 13 14 15 16 17 18 19 20

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12

12

12

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**Subtraction on a Number Line**

**Word Problems**

**Answers**

1)

**16 − 8 = 8**

2)

**20 − 6 = 14**

3)

4)

**14 − 9 = 5**

**11 − 6 = 5**

**Anaya now hads 5 pencils. Felix now has 6 pencils.**

**Felix has the most pencils.**

5)

**All possible answers:**

**20 − 8 = 12**

**19 − 7 = 12**

**18 − 6 = 12**

**17 − 5 = 12**

**16 − 4 = 12**

**15 − 3 = 12**

**14 − 2 = 12**

**13 − 1 = 12**